

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
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**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**



**NATIONAL OCEANIC AND
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CROPS

Corn and soybean harvest made excellent progress and moved well ahead of average this past week. This big jump in harvested acreage was aided by good weather conditions across most of the State. Yields are reported to be extremely variable. The later season crops are reported to be of better quality but still showing some adverse effects due to the drought. Weeds are reported as a problem with harvest. Farmers were also seeding winter wheat and rye, mowing, baling hay, hauling water and grain, spreading manure, chopping silage, fall plowing, discing, and chiseling, repairing machinery, drying grain, applying fertilizer, caring for livestock, and attending the Farm Progress Show. For the week of September 24-30, there was an average of six and one-half days as suitable for fieldwork.

By October 2, 40% of the **CORN** crop was harvested compared to 62% last year and the 5-year average (1983-87) of 28%.

By October 2, 97% of the **SOYBEAN** crop was shedding leaves, compared to 97% last year and the average of 90%. Fifty percent of the crop was harvested compared to 64% last year and the average of 37%.

By October 2, 91% of the **SORGHUM** crop was mature compared to 100% last year. Twenty-seven percent of the crop was harvested compared to 74% last year and the average of 32%.

By October 2, 19% of the **WINTER WHEAT** acreage was seeded, compared to 24% last year and the average of 15%. Four percent of the winter wheat acreage had emerged compared to 4% last year and the average of 3%.

PASTURE condition, as of September 30, was rated as 14% good, 49% fair, 28% poor, and 9% very poor.

SOIL MOISTURE on September 30 was reported as 77% short and 23% adequate.

ILLINOIS DISTRICT SUMMARY

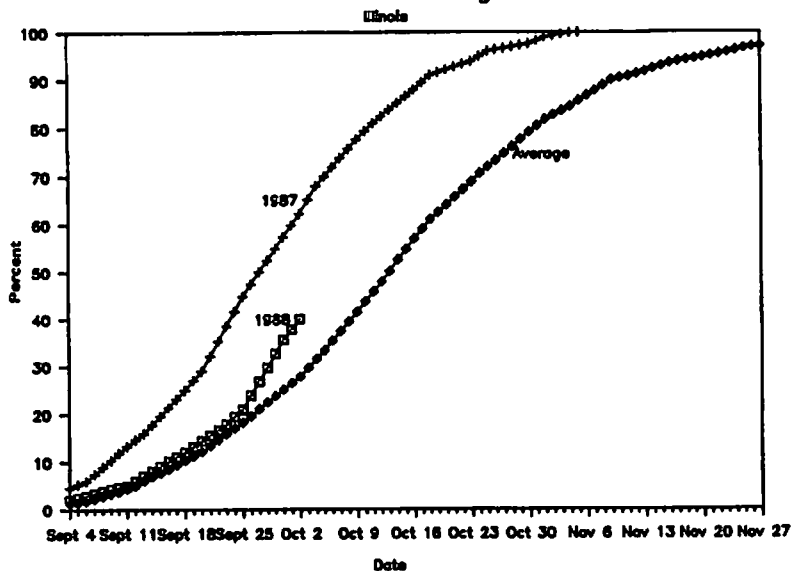
	:	Corn	:	Soybean	:Days suit-	:	Soil		
District	:	acreage %:	acreage %	:	able for	:	moisture percent		
	:	harvested:	harvested	:	fieldwork	:	Short	: Adequate:	Surplus

	:	As of October 2			As of September 30				
Northwest	:	30	45		6.5		100	0	0
Northeast	:	17	45		7.0		90	10	0
West	:	45	40		6.5		100	0	0
Central	:	55	55		6.5		100	0	0
East	:	45	70		6.5		75	25	0
W Southwest:		45	35		7.0		100	0	0
E Southeast:		45	60		7.0		100	0	0
Southwest	:	45	35		6.0		10	90	0
Southeast	:	35	40		6.5		20	80	0

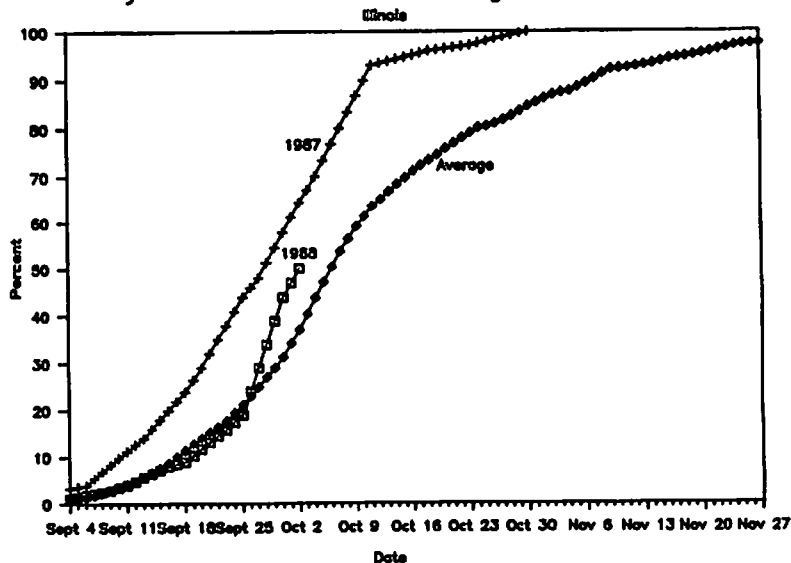
State	:	40	50		6.5		77	23	0

5-Year Avg :		28	37						

Corn - Percent of Acreage Harvested



Soybeans - Percent Acreage Harvested



WEATHER

SUBSTANTIAL RAINS FELL ACROSS ILLINOIS LATE IN THE PERIOD, BUT EARLY IN THE WEEK WARM AND DRY WEATHER HASTENED THE MATURATION AND DRYDOWN OF GRAIN CROPS. MUCH COLDER AIR SPILLED INTO THE STATE OVER THE WEEKEND, BUT AVERAGE TEMPERATURES FOR THE SEVEN DAYS WERE AS MUCH AS 5 TO 7 DEGREES ABOVE NORMAL IN NORTH AND CENTRAL SECTIONS. DEPARTURES IN THE SOUTH WERE MOSTLY 3 DEGREES OR LESS. EXCEPT FOR THE 32 DEGREES RECORDED AT ELIZABETH, MINIMUM TEMPERATURES WERE WELL ABOVE FREEZING RANGING FROM UPPER 30'S NORTH TO THE UPPER 40'S SOUTH.

RAINS HELPED BOOST SOIL MOISTURE SUPPLIES IN ALL SECTIONS. WEEKLY TOTALS OF ONE INCH OR MORE WERE SCATTERED THROUGHOUT THE STATE, AND EXCEPT FOR SOME WEST CENTRAL LOCATIONS MOST AREAS RECEIVED AT LEAST A HALF INCH OF RAIN. BASE 50 GROWING DEGREE DAYS PILED UP TO AROUND 100 IN THE COOLEST SPOTS AND TO AROUND 130 IN THE WARMER AREAS. SOILS MAINTAINED AVERAGE TEMPERATURES IN THE MID 60'S TO NEAR 70 AT THE FOUR INCH DEPTH.

LOOKING AHEAD, THE CURRENT INFLUX OF COLDER AIR COULD BRING THE THREAT OF FROST TO THE NORTH AND CENTRAL SECTIONS OF THE STATE THIS WEEK. DRY WEATHER THROUGH THE LATTER HALF OF THE WEEK WILL BE ACCOMPANIED BY MODERATING TEMPERATURES AND CONSEQUENT ACCELERATED DRYDOWN OF CROPS IN THE FIELD. HIGH TEMPERATURES ONLY IN THE MID 50'S TO LOW 60'S RANGE WEDNESDAY WILL RETURN TO THE MID 60'S TO LOW 70'S BY FRIDAY.

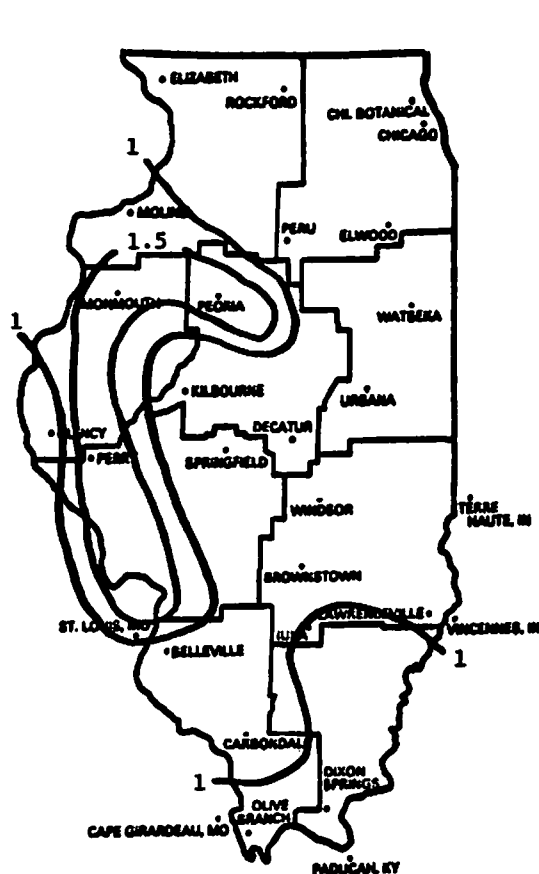
Week ending 8 A.M. Monday, October 3, 1988

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	Maxi- mum	Mini- mum	Depar- ture	Curr. week	Since May 1	Departure since May 1	Curr. week	Since May 1	Departure since May 1
ELIZABETH	74	47	3	0.59	9.81	-10.05	93	2945	310
ROCKFORD	74	53	5	0.73	8.51	-12.08	108	3204	534
CHICAGO	73	56	5	0.76	12.82	-5.18	112	3211	505
CHI BOTANICAL	73	54	2	0.86	14.50	-4.10	104	2962	11
ELWOOD	77	52	5	0.40	8.24	-10.80	115	3195	443
WATSEKA	78	53	5	1.14	11.15	-9.03	118	3205	311
PERU	79	54	5	0.45	9.30	-9.36	126	3227	264
MOLINE	76	55	6	1.17	13.53	-7.65	121	3383	457
PEORIA	78	57	7	1.75	7.50	-11.48	131	3434	462
KILBOURNE	78	55	4	0.40	9.95	-10.30	125	3387	236
MONMOUTH	76	54	4	1.89	10.41	-9.15	117	3217	227
QUINCY	78	57	5	0.31	8.82	-12.29	131	3468	303
PERRY	77	53	2	1.72	15.47	-3.92	117	3304	73
SPRINGFIELD	78	57	5	0.32	8.91	-8.23	130	3544	328
DECATUR	78	56	4	0.89	8.33	-11.48	109	3430	207
URBANA	76	53	3	0.89	9.18	-9.63	114	3430	363
WINDSOR	78	55	4	0.59	9.49	-9.39	110	3493	268
TERRE HAUTE	81	53	5	0.44	12.81	-5.97	128	3297	189
ST LOUIS	78	60	NA	1.50	12.71	NA	140	3940	NA
BELLEVILLE	78	53	1	0.85	8.50	-9.35	117	3488	128
BROWNSTOWN	78	54	3	0.93	9.26	-10.19	123	3423	173
IUKA	77	51	0	1.12	18.63	1.13	113	3310	-65
LAWRENCEVILLE	79	52	NA	0.88	10.18	NA	119	3396	NA
VINCENNES	78	52	2	0.47	10.18	-9.49	117	3386	130
DIXON SPRINGS	78	56	2	1.35	13.08	-5.64	130	3540	5
PADUCAH	79	56	2	1.79	12.01	-7.56	132	3693	112
OLIVE BRANCH	77	56	1	1.25	16.06	-3.80	124	3484	9
CARBONDALE	77	52	0	0.70	17.35	-1.85	114	3465	60
C GIRARDEAU	78	58	NA	1.79	18.13	NA	134	3750	NA

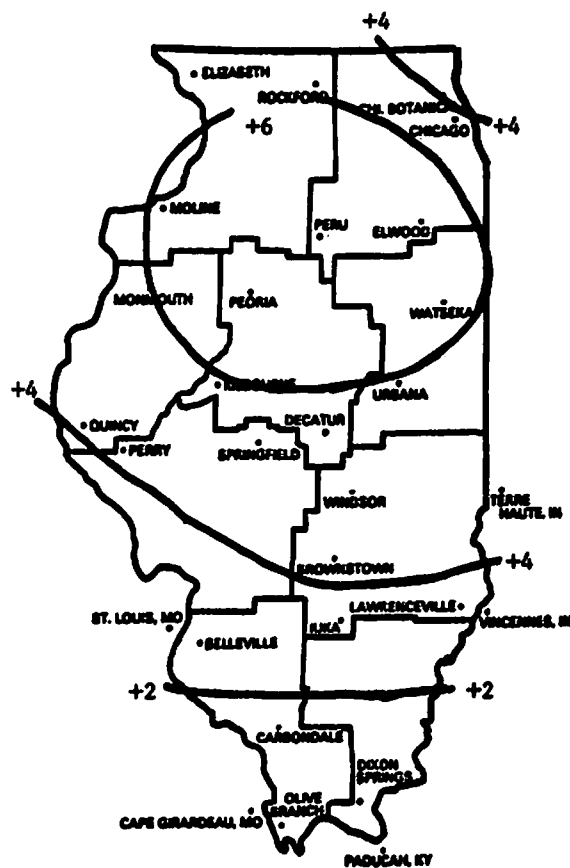
NEWSPAPER TIME VALUE

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PRECIPITATION (INCHES)
SEPT. 26-OCT. 2, 1988



TEMPERATURE DEPARTURE FROM
AVERAGE (°F) SEPT. 26-OCT. 2, 1988

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.